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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

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INFORMATION REPORT

COUNTRY USSR (Bashkir SSR)

DATE DISTR. 12 March 1952

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SUBJECT Aircraft Engine Plant No. 26

NO. OF PAGES 1

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NO. OF ENCL. 1
(LISTED BELOW)SUPPLEMENT TO
REPORT NO.

THIS IS UNEVALUATED INFORMATION

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1. Aircraft engine Plant No 26, Combine Zavod, was 12 km northeast of the center of Ufa, Bashkir S.S.R., west of the suburb of Chernikovsk between the Ufa and Belaya Rivers.

25X1 the plant consisted of two sections, Section I being to the west of Section II. In Section I,

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25X1 the assembly of 25X1 the following parts. * A shaft with eight air vane wheels attached to one end 25X1 was pushed into a cylindrical hollow piece, and a piece containing about eight 25X1 pipes, approximately 20 cm in diameter, was screwed to the other side of the 25X1 hollow piece. The daily output of these sets was estimated at about 15.
25X1 boxes, the of the Junkers firm on 25X1 these parts which were observed were required for the assembly or 25X1 reconstruction of turbojet power plants. In Section II of the plant new engines 25X1 were seen, including a 6-cylinder engine and a 12-cylinder V-engine. **

2. According to Soviet statements, the plant had a total work force of about 30,000, of whom 60 percent were women. Work was done in three shifts. In addition 15 PW specialists worked under the supervision of the chief designer of the Junkers Plant.

25X1 * Comment. See Annex sketch of these parts.

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25X1 ** Comment. As the report dates back to December 1947, it is believed that 25X1 the production was the assembly or overhaul of German type 25X1 Jumo-004 power plants. The production of jet engines is unlikely in Ufa at that 25X1 time, and even information dating up to the end of 1948 does not indicate the 25X1 production of turbojet engines in Ufa. From previous and rather vague descriptions 25X1 of the pieces worked on in Ufa, it was inferred that the Jumo-004 type power 25X1 plant was seen in Ufa. The fact of the report indicates an eight-stage axial compressor and eight combustion chambers supports this assumption, although the Jumo-004 is fitted with only six combustion chambers. The daily output of 15 power plants seems too high for this period. The production of 12-cylinder V-engines in 1946/47 has been confirmed.

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1 Annex: sketch on ditto

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